

FIG. 1

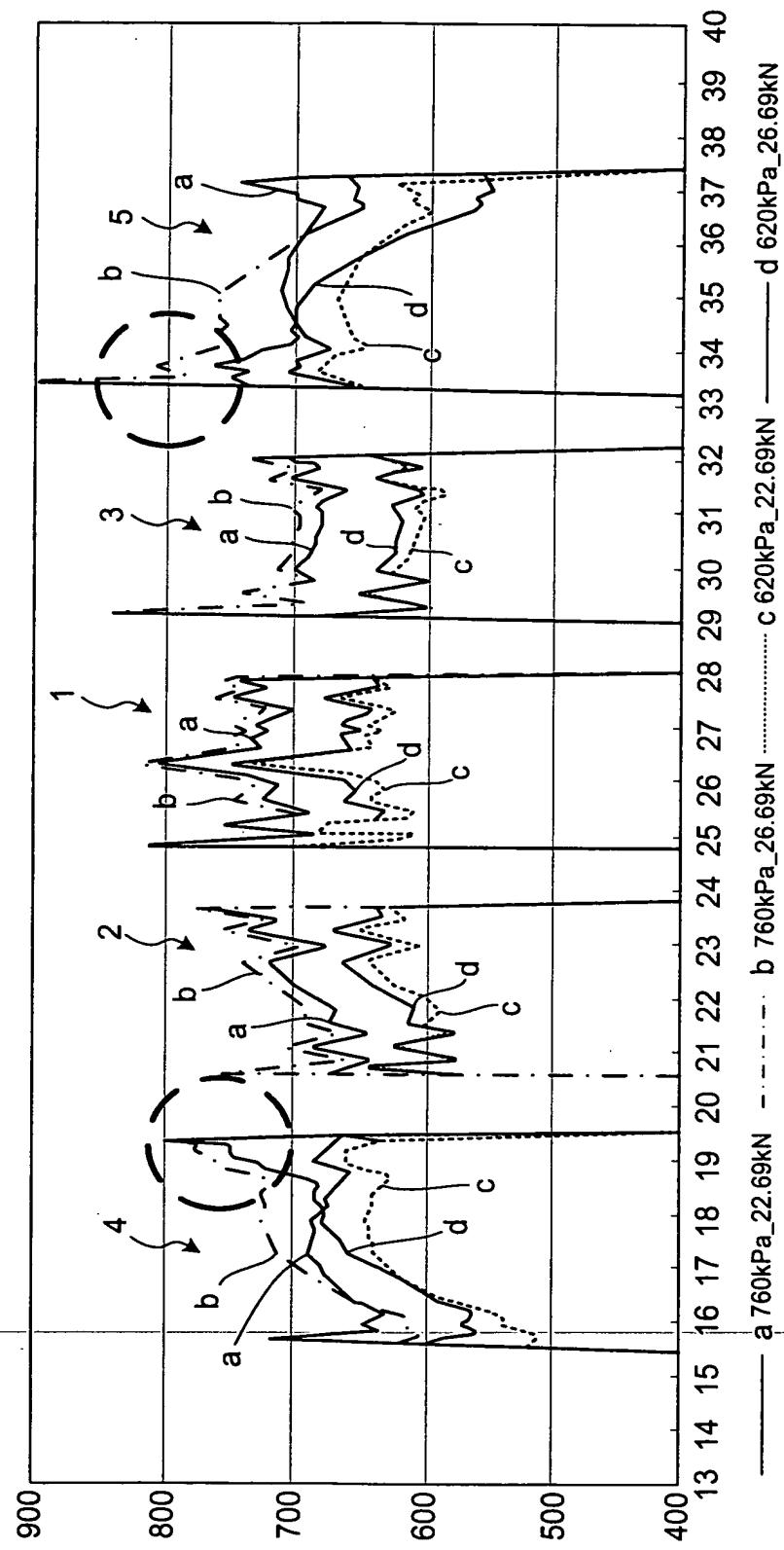


FIG.2

	INNER GROOVE ANGLE	OUTER GROOVE ANGLE	RIB SURFACE BUFFING SHAPE
FIRST COMPARATIVE EXAMPLE	U 10°	V 20°	-
CONVENTIONAL PRODUCT	V 20°	V 20°	-
FIRST EXAMPLE	U 10°	U 0°	-
SECOND EXAMPLE	U 10°	U 10°	-
THIRD EXAMPLE	U 10°	U -10°	-
SECOND COMPARATIVE EXAMPLE	U 10°	U 10°	RIB SURFACE CONCAVE (SMALL)
THIRD COMPARATIVE EXAMPLE	U 10°	U 10°	RIB SURFACE CONCAVE (LARGE)
FOURTH COMPARATIVE EXAMPLE	U 10°	U 10°	RIB SURFACE CONVEX (SMALL)
FIFTH COMPARATIVE EXAMPLE	U 10°	U 10°	RIB SURFACE CONVEX (LARGE)

FIG.3

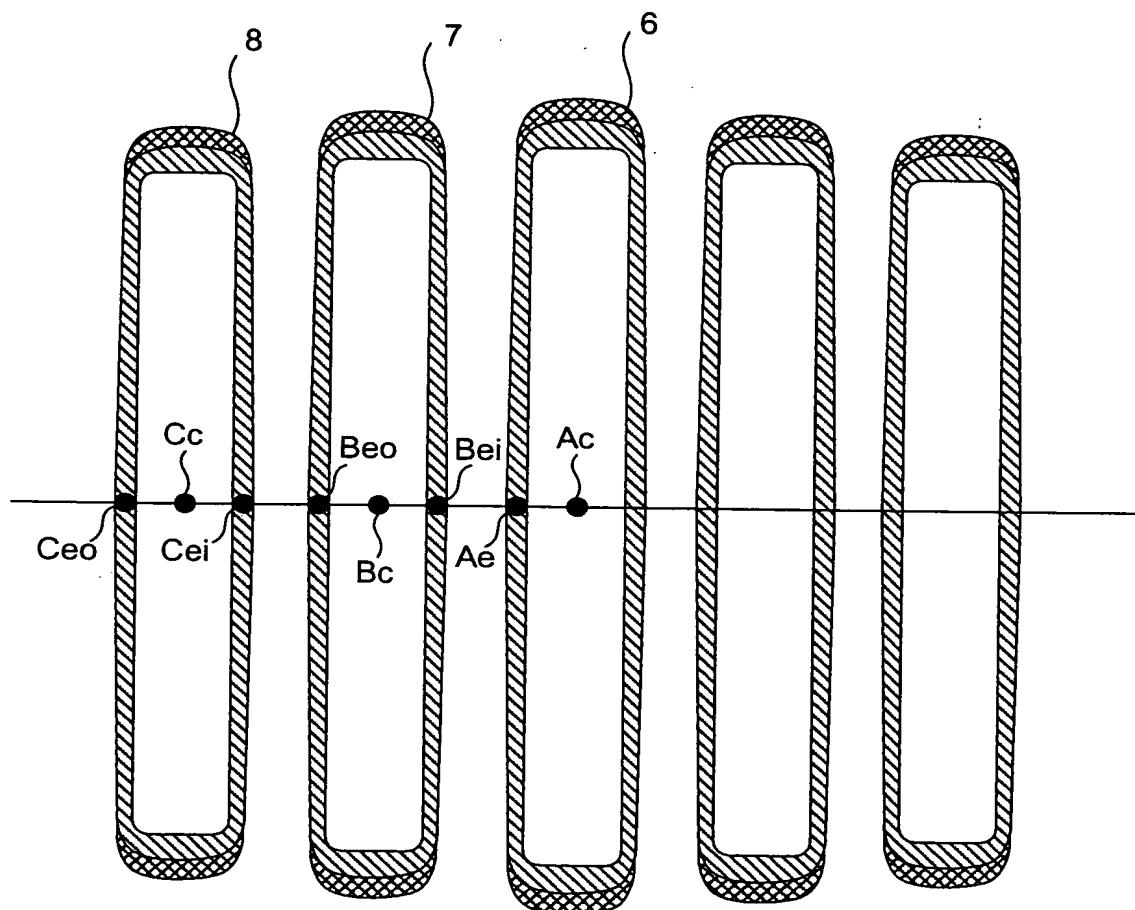


FIG. 4
 ☆ : STEPPED WEAR
 ★ : RAILWAY WEAR

	CENTER RIB	SECOND RIB	SHOULDER RIB	
	Ae/Ac	Bei/Bc	Beo/Bc	Cei/Cc
FIRST COMPARATIVE EXAMPLE	0.88	0.90	1.03★	★1.13
FIRST CONVENTIONAL EXAMPLE	0.97	1.00	1.03★	★1.13
FIRST EXAMPLE	0.88	0.90	0.85	0.92
SECOND EXAMPLE	0.88	0.90	0.95	0.95
THIRD EXAMPLE	0.88	0.90	0.80	0.90
SECOND COMPARATIVE EXAMPLE	1.00	1.00	1.00★	★1.00
THIRD COMPARATIVE EXAMPLE	1.05★	★1.05	1.09★	★1.23
FOURTH COMPARATIVE EXAMPLE	0.80	0.80	0.75	0.80
FIFTH COMPARATIVE EXAMPLE	0.75★	★0.75	0.68★	★0.76
	(0.80 TO 1.00)	(0.80 TO 1.00)	(0.75 TO 0.95)	(0.80 TO 0.95)
				(0.85 TO 1.00)